

ABSTRACT

A method and system for providing a printer for printing an encoded data stream.

The stream includes a section of complex text data. The code is preferably Unicode, and the complex text data is preferably Unicode complex text. The printer includes a font, a text parser, and a layout engine. The font includes a plurality of glyphs. The text parser parses the data stream to determine the section of complex text data in the data stream. The layout engine is coupled to the text parser and with the font. The layout engine receives the section of complex text data from the text parser and determines at least one of the plurality of glyphs and glyph positions corresponding to the section of complex text data.